(19) World Intellectual Property Organization

International Bureau



. | 1881 | 1888 | 1888 | 1884 | 1884 | 1884 | 1884 | 1884 | 1885 | 1884 | 1885 | 1884 | 1885 | 1885 | 1885 | 1

(43) International Publication Date 25 August 2005 (25.08.2005)

PCT

(10) International Publication Number WO 2005/076762 A3

(51) International Patent Classification⁷: F03D 3/02

(21) International Application Number:

PCT/KR2005/000086

(22) International Filing Date: 11 January 2005 (11.01.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data: 10-2004-0002321 13 January 2004 (13.01.2004) KR

(71) Applicant and

(72) Inventor: JOO, Jang Sik [KR/KR]; 435-3, Deokjin-dong 2-ga, Deokjin-gu, Jeonju-si, Jeollabuk-do 561-852 (KR).

(74) Agent: CHO, Sang Kyun; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

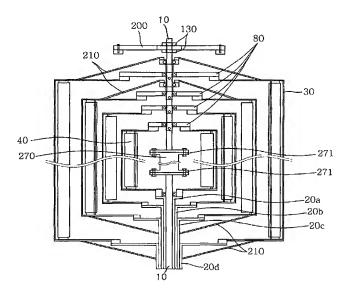
Published:

with international search report

(88) Date of publication of the international search report: 6 October 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A WIND POWER GENERATION APPARATUS



(57) Abstract: Disclosed relates to a wind power generation apparatus and, more particularly, to a multi-direction wind power generation apparatus, which can be easily, solidly and largely manufactured and also repaired readily, for enhancing the efficiency of power generation by making most us of wind and by lessening the wind resistance. The object of the present invention is to provide the multi-direction wind power generation apparatus that can generate electricity against the wind blowing from various directions, enhance the efficiency of electric generator by lessening the wind resistance maximally, and increase the solidity of the apparatus by establishing separate supporters for supporting the upper/lower support frames.

